

BID DATE: November 3, 2010 TIME: 2:00 PM PLACE: Sacramento, California SPEC.#: 10-09 CONTR.#: C51415 BY: Ted Kress				SUMMARY OF BIDS RECEIVED FOR PUMPING PLANT CONTROL SYSTEMS REHABILITATION SUTTER BYPASS FLOOD CONTROL FACILITIES OPERATIONS AND MAINTENANCE SUTTER COUNTY CALIFORNIA				STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES					
				ENGINEER'S ESTIMATE		Velluntini Corp. dba Royal Electric Company 8481 Carbide Court Sacramento, CA 95828 (916) 226-2262		F&H Construction 4945 E. Waterloo Road Stockton, CA 95215 (209) 931-3738		Blocka Construction, Inc. 4455 Enterprise Street Fremont, CA 94538 (510) 657-3686		Dahl Taylor and Associates, Inc. 2960 Daimler Street Santa Ana, CA 92705 (949) 254-8016	
No. Addendums: 4													
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization and Demobilization	1	JOB	LUMP SUM	\$10,800.00	LUMP SUM	\$200,000.00	LUMP SUM	\$93,000.00	LUMP SUM	\$210,000.00	LUMP SUM	\$85,000.00
2	Selective Demolition	1	JOB	LUMP SUM	\$146,000.00	LUMP SUM	\$40,000.00	LUMP SUM	\$30,000.00	LUMP SUM	\$14,000.00	LUMP SUM	\$27,561.64
3	Clearing and Grubbing	1	ACRE	\$7,160.00	\$7,160.00	\$3,200.00	\$3,200.00	\$4,000.00	\$4,000.00	\$42,000.00	\$42,000.00	\$9,952.82	\$9,952.82
4	General Dewatering	1	JOB	LUMP SUM	\$41,800.00	LUMP SUM	\$3,400.00	LUMP SUM	\$5,000.00	LUMP SUM	\$2,500.00	LUMP SUM	\$55,123.28
5	Excavation	555	CY	\$27.00	\$14,985.00	\$22.00	\$12,210.00	\$17.00	\$9,435.00	\$115.00	\$63,825.00	\$173.03	\$96,031.65
6	Compacted Backfill	935	CY	\$41.00	\$38,335.00	\$22.00	\$20,570.00	\$22.00	\$20,570.00	\$80.00	\$74,800.00	\$91.87	\$85,898.45
7	Pervious Backfill	62	CY	\$101.00	\$6,262.00	\$98.00	\$6,076.00	\$81.00	\$5,022.00	\$160.00	\$9,920.00	\$99.53	\$6,170.86
7a	3/4 Inch Crushed Rock	810	TON	\$35.00	\$28,350.00	\$50.00	\$40,500.00	\$47.00	\$38,070.00	\$65.00	\$52,650.00	\$114.84	\$93,020.40
8	Rock Slope Protection	50	CY	\$113.00	\$5,650.00	\$98.00	\$4,900.00	\$52.00	\$2,600.00	\$185.00	\$9,250.00	\$130.15	\$6,507.50
9	Aggregate Base	60	TON	\$65.00	\$3,900.00	\$107.00	\$6,420.00	\$31.00	\$1,860.00	\$175.00	\$10,500.00	\$701.29	\$42,077.40
10	3 Foot Chain Link Fence	230	LF	\$51.00	\$11,730.00	\$67.00	\$15,410.00	\$45.00	\$10,350.00	\$90.00	\$20,700.00	\$58.19	\$13,383.70
11	Seeding	2	ACRE	\$4,090.00	\$8,180.00	\$3,600.00	\$7,200.00	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$3,215.52	\$6,431.04
12	Silt Fence	210	LF	\$10.00	\$2,100.00	\$4.20	\$882.00	\$3.00	\$630.00	\$7.50	\$1,575.00	\$26.03	\$5,466.30
13	Rice Straw Mulch	2	ACRE	\$3,040.00	\$6,080.00	\$2,000.00	\$4,000.00	\$3,600.00	\$7,200.00	\$1,300.00	\$2,600.00	\$5,206.09	\$10,412.18
14	Fiber Rolls	900	LF	\$3.00	\$2,700.00	\$2.50	\$2,250.00	\$2.50	\$2,250.00	\$4.00	\$3,600.00	\$12.25	\$11,025.00
15	Exclusion Fencing	3,500	LF	\$11.50	\$40,250.00	\$7.50	\$26,250.00	\$3.00	\$10,500.00	\$6.00	\$21,000.00	\$16.84	\$58,940.00
16	Concrete Reinforcing Steel	52,000	LB	\$1.60	\$83,200.00	\$1.30	\$67,600.00	\$1.00	\$52,000.00	\$1.00	\$52,000.00	\$1.79	\$93,080.00
17	Masonry Reinforcing Steel	9,800	LB	\$1.00	\$9,800.00	\$0.90	\$8,820.00	\$0.85	\$8,330.00	\$0.75	\$7,350.00	\$0.90	\$8,820.00
18	Concrete	380	CY	\$805.00	\$305,900.00	\$860.00	\$326,800.00	\$500.00	\$190,000.00	\$1,100.00	\$418,000.00	\$169.96	\$64,584.80
19	Slurry Backfill	48	CY	\$323.00	\$15,504.00	\$282.00	\$13,536.00	\$270.00	\$12,960.00	\$350.00	\$16,800.00	\$148.53	\$7,129.44
20	CMU Wall	3,320	SF	\$32.50	\$107,900.00	\$38.00	\$126,160.00	\$18.00	\$59,760.00	\$20.00	\$66,400.00	\$27.67	\$91,864.40
21	Level Sensors	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$9,400.00	LUMP SUM	\$30,000.00	LUMP SUM	\$10,000.00	LUMP SUM	\$6,584.65
22	Grounding Cable, Bare Copper, 500 kcmil, 19 Strand	6,500	LF	\$19.00	\$123,500.00	\$17.40	\$113,100.00	\$17.00	\$110,500.00	\$23.00	\$149,500.00	\$33.39	\$217,035.00
23	Grounding Cable, Bare Copper, No. 4/0 AWG, 19 Strand	260	LF	\$9.60	\$2,496.00	\$29.00	\$7,540.00	\$6.50	\$1,690.00	\$12.00	\$3,120.00	\$13.86	\$3,603.60
24	Grounding Cable, Bare Copper, No. 4 AWG, 7 Strand	300	LF	\$3.40	\$1,020.00	\$2.03	\$609.00	\$3.00	\$900.00	\$3.00	\$900.00	\$3.97	\$1,191.00
25	Grounding Cable, Bare Copper, No. 8 AWG, 7 Strand	100	LF	\$2.50	\$250.00	\$1.43	\$143.00	\$3.00	\$300.00	\$1.00	\$100.00	\$7.36	\$736.00
26	Grounding Cable, Bare Copper, Solid, No. 10 AWG	100	LF	\$2.40	\$240.00	\$1.04	\$104.00	\$2.00	\$200.00	\$0.75	\$75.00	\$6.0921	\$609.21
27	Grounding Cable, Bare Copper, Solid, No. 12 AWG	100	LF	\$2.20	\$220.00	\$0.56	\$56.00	\$1.25	\$125.00	\$0.50	\$50.00	\$4.0201	\$402.01
28	Welded Ground Connection	402	EA	\$110.00	\$44,220.00	\$136.00	\$54,672.00	\$77.00	\$30,954.00	\$80.00	\$32,160.00	\$149.99	\$60,295.98
29	Flush Grounding Plate	26	EA	\$230.00	\$5,980.00	\$168.00	\$4,368.00	\$141.00	\$3,666.00	\$100.00	\$2,600.00	\$120.42	\$3,130.92
30	Bolted Ground Connection	109	EA	\$119.00	\$12,971.00	\$61.00	\$6,649.00	\$70.00	\$7,630.00	\$50.00	\$5,450.00	\$91.97	\$10,024.73
31	Cable Fitting	109	EA	\$168.00	\$18,312.00	\$46.00	\$5,014.00	\$86.00	\$9,374.00	\$50.00	\$5,450.00	\$89.80	\$9,788.20
32	Conductive Grout	2,700	CF	\$59.50	\$160,650.00	\$25.00	\$67,500.00	\$12.00	\$32,400.00	\$55.00	\$148,500.00	\$156.68	\$423,036.00
33	Ground Rod	90	EA	\$159.00	\$14,310.00	\$99.00	\$8,910.00	\$112.00	\$10,080.00	\$175.00	\$15,750.00	\$93.66	\$8,429.40
34	Technical Personnel	250	Person	\$213.00	\$53,250.00	\$95.00	\$23,750.00	\$104.00	\$26,000.00	\$50.00	\$12,500.00	\$272.86	\$68,215.00
35	Cable – No. 600 kcmil, 1 Conductor Power Cable	1,450	LF	\$36.50	\$52,925.00	\$21.60	\$31,320.00	\$21.00	\$30,450.00	\$45.00	\$65,250.00	\$44.37	\$64,336.50
36	Cable – No. 500 kcmil, 1 Conductor Power Cable	1,325	LF	\$31.00	\$41,075.00	\$19.30	\$25,572.50	\$16.00	\$21,200.00	\$35.00	\$46,375.00	\$34.18	\$45,288.50
37	Cable – No. 350 kcmil, 1 Conductor Power Cable	1,000	LF	\$23.00	\$23,000.00	\$16.50	\$16,500.00	\$10.50	\$10,500.00	\$22.00	\$22,000.00	\$24.10	\$24,100.00
38	Cable – No. 4/0 AWG, 1 Conductor Power Cable	75	LF	\$15.00	\$1,125.00	\$26.00	\$1,950.00	\$6.00	\$450.00	\$18.00	\$1,350.00	\$15.72	\$1,179.00
39	Cable – No. 2/0 AWG, 1 Conductor Power Cable	375	LF	\$10.00	\$3,750.00	\$5.80	\$2,175.00	\$5.00	\$1,875.00	\$14.00	\$5,250.00	\$9.78	\$3,667.50
40	Cable – No. 2 AWG, 1 Conductor Power Cable	100	LF	\$6.20	\$620.00	\$3.30	\$330.00	\$3.00	\$300.00	\$10.00	\$1,000.00	\$5.1116	\$511.16
41	Cable – No. 12 AWG, 1 Conductor Power Cable	1,250	LF	\$3.00	\$3,750.00	\$0.59	\$737.50	\$1.20	\$1,500.00	\$1.00	\$1,250.00	\$0.57	\$712.50
42	Cable – No. 12 AWG, 2 Conductor Control Cable	650	LF	\$3.30	\$2,145.00	\$1.51	\$981.50	\$3.00	\$1,950.00	\$3.00	\$1,950.00	\$8.71	\$5,661.50
43	Cable – No. 14 AWG, 4 Conductor Control Cable	170	LF	\$3.30	\$561.00	\$2.06	\$350.20	\$3.00	\$510.00	\$3.00	\$510.00	\$14.63	\$2,487.10
44	Cable – No. 14 AWG, 2 Conductor Control Cable	100	LF	\$3.10	\$310.00	\$1.37	\$137.00	\$2.00	\$200.00	\$1.50	\$150.00	\$20.701	\$2,070.10
45	Cable – Category 6	100	LF	\$7.20	\$720.00	\$3.20	\$320.00	\$3.00	\$300.00	\$2.50	\$250.00	\$10.9144	\$1,091.44
46	Insulated Wire for Lighting – No. 10 AWG, Solid Copper	100	LF	\$2.10	\$210.00	\$1.24	\$124.00	\$1.50	\$150.00	\$1.00	\$100.00	\$4.3749	\$437.49
47	Insulated Wire for Lighting – No. 12 AWG, Solid Copper	50	LF	\$1.80	\$90.00	\$1.24	\$62.00	\$1.00	\$50.00	\$1.00	\$50.00	\$0.53	\$26.50
48	Wiring Modifications	2	DAY	\$1,830.00	\$3,660.00	\$760.00	\$1,520.00	\$1,380.00	\$2,760.00	\$1,750.00	\$3,500.00	\$2,182.88	\$4,365.76
49	****	****	****	****	****	****	****	****	****	****	****	****	****
50	Pullbox	1	JOB	LUMP SUM	\$14,100.00	LUMP SUM</							

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No. Addendums: 4				ENGINEER'S ESTIMATE		Roebbelen Contracting, Inc. 1241 Hawks Flight Court El Dorado Hills, CA 95762 (916) 939-4000		Proven Management, Inc. 712 Sansome Street San Francisco, CA 94111 (415) 421-9500		GSE Construction Company, Inc. 6950 Preston Avenue Livermore, CA 94551 (925) 447-0292		RTA Construction / Ray Toney JV 9614 Tanqueray Court Redding, CA 96003 (530) 223-1100					
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total				
1	Mobilization and Demobilization	1	JOB	LUMP SUM	\$10,800.00	LUMP SUM	\$32,249.00	LUMP SUM	\$25,000.00	LUMP SUM	\$158,911.00	LUMP SUM	\$35,000.00				
2	Selective Demolition	1	JOB	LUMP SUM	\$146,000.00	LUMP SUM	\$65,195.00	LUMP SUM	\$50,000.00	LUMP SUM	\$33,713.00	LUMP SUM	\$150,000.00				
3	Clearing and Grubbing	1	ACRE	\$7,160.00	\$7,160.00	\$10,763.00	\$10,763.00	\$5,000.00	\$5,000.00	\$6,427.00	\$6,427.00	\$6,000.00	\$6,000.00				
4	General Dewatering	1	JOB	LUMP SUM	\$41,800.00	LUMP SUM	\$8,063.00	LUMP SUM	\$8,000.00	LUMP SUM	\$9,854.00	LUMP SUM	\$8,000.00				
5	Excavation	555	CY	\$27.00	\$14,985.00	\$46.33	\$25,713.15	\$14.00	\$7,770.00	\$26.00	\$14,430.00	\$52.00	\$28,860.00				
6	Compacted Backfill	935	CY	\$41.00	\$38,335.00	\$34.53	\$32,285.55	\$26.00	\$24,310.00	\$46.00	\$43,010.00	\$46.00	\$43,010.00				
7	Pervious Backfill	62	CY	\$101.00	\$6,262.00	\$81.00	\$5,022.00	\$250.00	\$15,500.00	\$74.00	\$4,588.00	\$150.00	\$9,300.00				
7a	3/4 Inch Crushed Rock	810	TON	\$35.00	\$28,350.00	\$32.00	\$25,920.00	\$50.00	\$40,500.00	\$39.00	\$31,590.00	\$70.00	\$56,700.00				
8	Rock Slope Protection	50	CY	\$113.00	\$5,650.00	\$81.00	\$4,050.00	\$185.00	\$9,250.00	\$142.00	\$7,100.00	\$114.00	\$5,700.00				
9	Aggregate Base	60	TON	\$65.00	\$3,900.00	\$358.73	\$21,523.80	\$53.00	\$3,180.00	\$32.00	\$1,920.00	\$60.00	\$3,600.00				
10	3 Foot Chain Link Fence	230	LF	\$51.00	\$11,730.00	\$125.73	\$28,917.90	\$70.00	\$16,100.00	\$44.00	\$10,120.00	\$60.00	\$13,800.00				
11	Seeding	2	ACRE	\$4,090.00	\$8,180.00	\$3,348.00	\$6,696.00	\$5,500.00	\$11,000.00	\$4,353.00	\$8,706.00	\$3,700.00	\$7,400.00				
12	Silt Fence	210	LF	\$10.00	\$2,100.00	\$4.63	\$972.30	\$10.00	\$2,100.00	\$8.00	\$1,680.00	\$4.50	\$945.00				
13	Rice Straw Mulch	2	ACRE	\$3,040.00	\$6,080.00	\$1,350.00	\$2,700.00	\$1,700.00	\$3,400.00	\$1,374.00	\$2,748.00	\$2,000.00	\$4,000.00				
14	Fiber Rolls	900	LF	\$3.00	\$2,700.00	\$2.40	\$2,160.00	\$8.00	\$7,200.00	\$4.10	\$3,690.00	\$3.00	\$2,700.00				
15	Exclusion Fencing	3500	LF	\$11.50	\$40,250.00	\$10.78	\$37,730.00	\$10.00	\$35,000.00	\$6.10	\$21,350.00	\$8.00	\$28,000.00				
16	Concrete Reinforcing Steel	52000	LB	\$1.60	\$83,200.00	\$1.61	\$83,720.00	\$1.50	\$78,000.00	\$0.96	\$49,920.00	\$1.00	\$52,000.00				
17	Masonry Reinforcing Steel	9800	LB	\$1.00	\$9,800.00	\$0.55	\$5,390.00	\$1.00	\$9,800.00	\$0.60	\$5,880.00	\$1.00	\$9,800.00				
18	Concrete	380	CY	\$805.00	\$305,900.00	\$918.94	\$349,197.20	\$650.00	\$247,000.00	\$639.00	\$242,820.00	\$925.00	\$351,500.00				
19	Slurry Backfill	48	CY	\$323.00	\$15,504.00	\$129.58	\$6,219.84	\$300.00	\$14,400.00	\$206.00	\$9,888.00	\$190.00	\$9,120.00				
20	CMU Wall	3320	SF	\$32.50	\$107,900.00	\$37.45	\$124,334.00	\$25.00	\$83,000.00	\$17.50	\$58,100.00	\$22.00	\$73,040.00				
21	Level Sensors	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$21,600.00	LUMP SUM	\$14,000.00	LUMP SUM	\$8,447.00	LUMP SUM	\$16,000.00				
22	Grounding Cable, Bare Copper, 500 kcmil, 19 Strand	6500	LF	\$19.00	\$123,500.00	\$10.80	\$70,200.00	\$27.00	\$175,500.00	\$40.20	\$261,300.00	\$28.00	\$182,000.00				
23	Grounding Cable, Bare Copper, No. 4/0 AWG, 19 Strand	260	LF	\$9.60	\$2,496.00	\$4.98	\$1,294.80	\$30.00	\$7,800.00	\$51.70	\$13,442.00	\$13.00	\$3,380.00				
24	Grounding Cable, Bare Copper, No. 4 AWG, 7 Strand	300	LF	\$3.40	\$1,020.00	\$1.26	\$378.00	\$29.00	\$8,700.00	\$41.50	\$12,450.00	\$6.00	\$1,800.00				
25	Grounding Cable, Bare Copper, No. 8 AWG, 7 Strand	100	LF	\$2.50	\$250.00	\$0.54	\$54.00	\$31.00	\$3,100.00	\$93.20	\$9,320.00	\$5.00	\$500.00				
26	Grounding Cable, Bare Copper, Solid, No. 10 AWG	100	LF	\$2.40	\$240.00	\$0.43	\$43.00	\$29.00	\$2,900.00	\$71.90	\$7,190.00	\$5.00	\$500.00				
27	Grounding Cable, Bare Copper, Solid, No. 12 AWG	100	LF	\$2.20	\$220.00	\$0.36	\$36.00	\$29.00	\$2,900.00	\$71.90	\$7,190.00	\$5.00	\$500.00				
28	Welded Ground Connection	402	EA	\$110.00	\$44,220.00	\$57.76	\$23,219.52	\$73.00	\$29,346.00	\$40.00	\$16,080.00	\$89.00	\$35,778.00				
29	Flush Grounding Plate	26	EA	\$230.00	\$5,980.00	\$109.04	\$2,835.04	\$11.00	\$286.00	\$380.00	\$9,880.00	\$335.00	\$8,710.00				
30	Bolted Ground Connection	109	EA	\$119.00	\$12,971.00	\$48.55	\$5,291.95	\$20.00	\$2,180.00	\$82.00	\$8,938.00	\$47.00	\$5,123.00				
31	Cable Fitting	109	EA	\$168.00	\$18,312.00	\$68.37	\$7,452.33	\$1,700.00	\$185,300.00	\$82.00	\$8,938.00	\$96.00	\$10,464.00				
32	Conductive Grout	2700	CF	\$59.50	\$160,650.00	\$22.22	\$59,994.00	\$45.00	\$121,500.00	\$47.50	\$128,250.00	\$67.00	\$180,900.00				
33	Ground Rod	90	EA	\$159.00	\$14,310.00	\$45.90	\$4,131.00	\$132.00	\$11,880.00	\$153.00	\$13,770.00	\$80.00	\$7,200.00				
34	Technical Personnel	250	Person	\$213.00	\$53,250.00	\$203.04	\$50,760.00	\$131.00	\$32,750.00	\$301.50	\$75,375.00	\$460.00	\$115,000.00				
35	Cable – No. 600 kcmil, 1 Conductor Power Cable	1450	LF	\$36.50	\$52,925.00	\$27.56	\$39,962.00	\$161.00	\$233,450.00	\$33.80	\$49,010.00	\$29.00	\$42,050.00				
36	Cable – No. 500 kcmil, 1 Conductor Power Cable	1325	LF	\$31.00	\$41,075.00	\$6.79	\$8,996.75	\$22.00	\$29,150.00	\$29.00	\$38,425.00	\$23.00	\$30,475.00				
37	Cable – No. 350 kcmil, 1 Conductor Power Cable	1000	LF	\$23.00	\$23,000.00	\$19.71	\$19,710.00	\$17.00	\$17,000.00	\$27.90	\$27,900.00	\$16.00	\$16,000.00				
38	Cable – No. 4/0 AWG, 1 Conductor Power Cable	75	LF	\$15.00	\$1,125.00	\$34.56	\$2,592.00	\$31.00	\$2,325.00	\$86.00	\$6,450.00	\$11.00	\$825.00				
39	Cable – No. 2/0 AWG, 1 Conductor Power Cable	375	LF	\$10.00	\$3,750.00	\$8.64	\$3,240.00	\$14.00	\$5,250.00	\$23.00	\$8,625.00	\$7.00	\$2,625.00				
40	Cable – No. 2 AWG, 1 Conductor Power Cable	100	LF	\$6.20	\$620.00	\$49.68	\$4,968.00	\$21.00	\$2,100.00	\$57.60	\$5,760.00	\$4.00	\$400.00				
41	Cable – No. 12 AWG, 1 Conductor Power Cable	1250	LF	\$3.00	\$3,750.00	\$2.07	\$2,587.50	\$4.00	\$5,000.00	\$5.00	\$6,250.00	\$1.00	\$1,250.00				
42	Cable – No. 12 AWG, 2 Conductor Control Cable	650	LF	\$3.30	\$2,145.00	\$1.99	\$1,293.50	\$8.00	\$5,200.00	\$10.60	\$6,890.00	\$2.00	\$1,300.00				
43	Cable – No. 14 AWG, 4 Conductor Control Cable	170	LF	\$3.30	\$561.00	\$2.22	\$377.40	\$15.00	\$2,550.00	\$33.60	\$5,712.00	\$3.00	\$510.00				
44	Cable – No. 14 AWG, 2 Conductor Control Cable	100	LF	\$3.10	\$310.00	\$2.70	\$270.00	\$21.00	\$2,100.00	\$52.70	\$5,270.00	\$3.00	\$300.00				
45	Cable – Category 6	100	LF	\$7.20	\$720.00	\$2.43	\$243.00	\$21.00	\$2,100.00	\$57.00	\$5,700.00	\$2.00	\$200.00				
46	Insulated Wire for Lighting – No. 10 AWG, Solid Copper	100	LF	\$2.10	\$210.00	\$0.64	\$64.00	\$10.00	\$1,000.00	\$52.70	\$5,270.00	\$2.00	\$200.00				
47	Insulated Wire for Lighting – No. 12 AWG, Solid Copper	50	LF	\$1.80	\$90.00	\$0.74	\$37.00	\$19.00	\$950.00	\$103.10	\$5,155.00	\$2.00	\$100.00				
48	Wiring Modifications	2	DAY	\$1,830.00	\$3,660.00	\$1,080.00	\$2,160.00	\$1,700.00	\$3,400.00	\$5,962.00	\$11,924.00	\$2,000.00	\$4,000.00				
49	****	****	****	****	\$0.00	****	****	****	****	****	****	****	****				

BID DATE: November 3, 2010 TIME: 2:00 PM PLACE: Sacramento, California SPEC.#: 10-09 CONTR.#: C51415 BY: Ted Kress				SUMMARY OF BIDS RECEIVED FOR PUMPING PLANT CONTROL SYSTEMS REHABILITATION SUTTER BYPASS FLOOD CONTROL FACILITIES OPERATIONS AND MAINTENANCE SUTTER COUNTY CALIFORNIA				STATE OF CALIFORNIA CALIFORNIA NATURAL RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES					
No. Addendums: 4				ENGINEER'S ESTIMATE		Cal Electro, Inc. 5199 Airport Road Redding, CA 96002 (530) 223-5937		BRCO Constructors, Inc. P.O. Box 367 Loomis, CA 95650 (916) 652-3868					
Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total				
1	Mobilization and Demobilization	1	JOB	LUMP SUM	\$10,800.00	LUMP SUM	\$250,000.00	LUMP SUM	\$165,000.00				
2	Selective Demolition	1	JOB	LUMP SUM	\$146,000.00	LUMP SUM	\$90,000.00	LUMP SUM	\$47,000.00				
3	Clearing and Grubbing	1	ACRE	\$7,160.00	\$7,160.00	\$4,000.00	\$4,000.00	\$8,500.00	\$8,500.00				
4	General Dewatering	1	JOB	LUMP SUM	\$41,800.00	LUMP SUM	\$60,000.00	LUMP SUM	\$33,000.00				
5	Excavation	555	CY	\$27.00	\$14,985.00	\$18.00	\$9,990.00	\$22.00	\$12,210.00				
6	Compacted Backfill	935	CY	\$41.00	\$38,335.00	\$25.00	\$23,375.00	\$38.00	\$35,530.00				
7	Pervious Backfill	62	CY	\$101.00	\$6,262.00	\$30.00	\$1,860.00	\$82.00	\$5,084.00				
7a	3/4 Inch Crushed Rock	810	TON	\$35.00	\$28,350.00	\$58.00	\$46,980.00	\$41.00	\$33,210.00				
8	Rock Slope Protection	50	CY	\$113.00	\$5,650.00	\$200.00	\$10,000.00	\$135.00	\$6,750.00				
9	Aggregate Base	60	TON	\$65.00	\$3,900.00	\$52.00	\$3,120.00	\$54.00	\$3,240.00				
10	3 Foot Chain Link Fence	230	LF	\$51.00	\$11,730.00	\$33.00	\$7,590.00	\$20.00	\$4,600.00				
11	Seeding	2	ACRE	\$4,090.00	\$8,180.00	\$7,000.00	\$14,000.00	\$3,200.00	\$6,400.00				
12	Silt Fence	210	LF	\$10.00	\$2,100.00	\$6.00	\$1,260.00	\$9.00	\$1,890.00				
13	Rice Straw Mulch	2	ACRE	\$3,040.00	\$6,080.00	\$2,500.00	\$5,000.00	\$3,200.00	\$6,400.00				
14	Fiber Rolls	900	LF	\$3.00	\$2,700.00	\$4.00	\$3,600.00	\$5.00	\$4,500.00				
15	Exclusion Fencing	3500	LF	\$11.50	\$40,250.00	\$10.00	\$35,000.00	\$5.50	\$19,250.00				
16	Concrete Reinforcing Steel	52000	LB	\$1.60	\$83,200.00	\$1.70	\$88,400.00	\$1.10	\$57,200.00				
17	Masonry Reinforcing Steel	9800	LB	\$1.00	\$9,800.00	\$1.70	\$16,660.00	\$1.00	\$9,800.00				
18	Concrete	380	CY	\$805.00	\$305,900.00	\$700.00	\$266,000.00	\$760.00	\$288,800.00				
19	Slurry Backfill	48	CY	\$323.00	\$15,504.00	\$380.00	\$18,240.00	\$300.00	\$14,400.00				
20	CMU Wall	3320	SF	\$32.50	\$107,900.00	\$30.00	\$99,600.00	\$24.00	\$79,680.00				
21	Level Sensors	1	JOB	LUMP SUM	\$11,100.00	LUMP SUM	\$15,000.00	LUMP SUM	\$11,000.00				
22	Grounding Cable, Bare Copper, 500 kcmil, 19 Strand	6500	LF	\$19.00	\$123,500.00	\$26.00	\$169,000.00	\$10.90	\$70,850.00				
23	Grounding Cable, Bare Copper, No. 4/0 AWG, 19 Strand	260	LF	\$9.60	\$2,496.00	\$10.00	\$2,600.00	\$5.00	\$1,300.00				
24	Grounding Cable, Bare Copper, No. 4 AWG, 7 Strand	300	LF	\$3.40	\$1,020.00	\$5.00	\$1,500.00	\$1.25	\$375.00				
25	Grounding Cable, Bare Copper, No. 8 AWG, 7 Strand	100	LF	\$2.50	\$250.00	\$4.00	\$400.00	\$0.55	\$55.00				
26	Grounding Cable, Bare Copper, Solid, No. 10 AWG	100	LF	\$2.40	\$240.00	\$3.00	\$300.00	\$0.40	\$40.00				
27	Grounding Cable, Bare Copper, Solid, No. 12 AWG	100	LF	\$2.20	\$220.00	\$2.00	\$200.00	\$0.35	\$35.00				
28	Welded Ground Connection	402	EA	\$110.00	\$44,220.00	\$90.00	\$36,180.00	\$58.00	\$23,316.00				
29	Flush Grounding Plate	26	EA	\$230.00	\$5,980.00	\$250.00	\$6,500.00	\$110.00	\$2,860.00				
30	Bolted Ground Connection	109	EA	\$119.00	\$12,971.00	\$120.00	\$13,080.00	\$49.00	\$5,341.00				
31	Cable Fitting	109	EA	\$168.00	\$18,312.00	\$150.00	\$16,350.00	\$69.00	\$7,521.00				
32	Conductive Grout	2700	CF	\$59.50	\$160,650.00	\$50.00	\$135,000.00	\$22.00	\$59,400.00				
33	Ground Rod	90	EA	\$159.00	\$14,310.00	\$200.00	\$18,000.00	\$46.00	\$4,140.00				
34	Technical Personnel	250	Person	\$213.00	\$53,250.00	\$175.00	\$43,750.00	\$204.00	\$51,000.00				
35	Cable – No. 600 kcmil, 1 Conductor Power Cable	1450	LF	\$36.50	\$52,925.00	\$29.00	\$42,050.00	\$28.00	\$40,600.00				
36	Cable – No. 500 kcmil, 1 Conductor Power Cable	1325	LF	\$31.00	\$41,075.00	\$26.00	\$34,450.00	\$18.00	\$23,850.00				
37	Cable – No. 350 kcmil, 1 Conductor Power Cable	1000	LF	\$23.00	\$23,000.00	\$20.00	\$20,000.00	\$20.00	\$20,000.00				
38	Cable – No. 4/0 AWG, 1 Conductor Power Cable	75	LF	\$15.00	\$1,125.00	\$18.00	\$1,350.00	\$25.00	\$1,875.00	x			
39	Cable – No. 2/0 AWG, 1 Conductor Power Cable	375	LF	\$10.00	\$3,750.00	\$15.00	\$5,625.00	\$9.00	\$3,375.00				
40	Cable – No. 2 AWG, 1 Conductor Power Cable	100	LF	\$6.20	\$620.00	\$12.00	\$1,200.00	\$50.00	\$5,000.00				
41	Cable – No. 12 AWG, 1 Conductor Power Cable	1250	LF	\$3.00	\$3,750.00	\$2.00	\$2,500.00	\$2.00	\$2,500.00				
42	Cable – No. 12 AWG, 2 Conductor Control Cable	650	LF	\$3.30	\$2,145.00	\$6.00	\$3,900.00	\$2.00	\$1,300.00				
43	Cable – No. 14 AWG, 4 Conductor Control Cable	170	LF	\$3.30	\$561.00	\$5.00	\$850.00	\$2.00	\$340.00				
44	Cable – No. 14 AWG, 2 Conductor Control Cable	100	LF	\$3.10	\$310.00	\$4.00	\$400.00	\$3.00	\$300.00				
45	Cable – Category 6	100	LF	\$7.20	\$720.00	\$3.00	\$300.00	\$2.50	\$250.00				
46	Insulated Wire for Lighting – No. 10 AWG, Solid Copper	100	LF	\$2.10	\$210.00	\$2.00	\$200.00	\$1.00	\$100.00				
47	Insulated Wire for Lighting – No. 12 AWG, Solid Copper	50	LF	\$1.80	\$90.00	\$2.00	\$100.00	\$1.00	\$50.00				
48	Wiring Modifications	2	DAY	\$1,830.00	\$3,660.00	\$1,500.00	\$3,000.00	\$1,100.00	\$2,200.00				
49		****	****	****		****		****		x			
50	Pullbox	1	JOB	LUMP SUM	\$14,100.00	LUMP SUM	\$3,000.00	LUMP SUM	\$1,600.00				
51	Junction Box with Cover Plates	1	JOB	LUMP SUM	\$4,553.00	LUMP SUM	\$1,200.00	LUMP SUM	\$2,600.00				
52	Conduit – 3/4 Inch Diameter Rigid Metal Conduit (RMC)	750	LF	\$11.00	\$8,250.00	\$15.00	\$11,250.00	\$11.00	\$8,250.00				
53	Conduit – 1-1/2 Inch Diameter Rigid Metal Conduit (RMC)	70	LF	\$14.50	\$1,015.00	\$25.00	\$1,750.00	\$20.00	\$1,400.00				
54	Conduit – 2-1/2 Inch Diameter Rigid Metal Conduit (RMC)	110	LF	\$22.50	\$2,475.00	\$32.00	\$3,520.00	\$34.00	\$3,740.00				
55	Conduit – 4 Inch Diameter Rigid Metal Conduit (RMC)	310	LF	\$42.50	\$13,175.00	\$60.00	\$18,600.00	\$73.00	\$22,630.00				
56	Conduit – 1-1/2 Inch PVC Schedule 80	225	LF	\$9.00	\$2,025.00	\$9.00	\$2,025.00	\$4.00	\$900.00				
57	Conduit – 2 Inch PVC Schedule 80	450	LF	\$11.00	\$4,950.00	\$12.00	\$5,400.00	\$7.50	\$3,375.00				
58	Conduit – 2-1/2 Inch PVC Schedule 80	200	LF	\$13.00	\$2,600.00	\$15.00	\$3,000.00	\$8.00	\$1,600.00				
59	****	****	****	****	\$0.00	****		****					
60	Conduit – 4 Inch PVC Schedule 80	800	LF	\$25.50	\$20,400.00	\$28.00	\$22,400.00	\$28.00	\$22,400.00				
61	Conduit – 3/4 Inch Liquid-tight Flexible Metal Conduit (LFMC)	85	LF	\$10.00	\$850.00	\$35.00	\$2,975.00	\$50.00	\$4,250.00				
62	Conduit – 1-1/2 Inch Liquid-tight Flexible Metal Conduit	25	LF	\$24.00	\$600.00	\$50.00	\$1,250.00	\$145.00	\$3,625.00				
63	Conduit – 2-1/2 Inch Liquid-tight Flexible Metal Conduit	25	LF	\$38.00	\$950.00	\$72.00	\$1,800.00	\$600.00	\$15,000.00				
64	Conduit – 3/4 Inch Intermediate Metal Conduit (IMC)	1375	LF	\$10.00	\$13,750.00	\$14.00	\$19,250.00	\$11.00	\$15,125.00				
65	Warning Tape	4000	LF	\$0.33	\$1,320.00	\$1.20	\$4,800.00	\$0.25	\$1,000.00				
66	Wiring Devices	1	JOB	LUMP SUM	\$4,200.00	LUMP SUM	\$5,000.00	LUMP SUM	\$5,500.00				
66a	Electrical Utility Services	1	JOB	LUMP SUM	\$81,400.00	LUMP SUM	\$340,000.00	LUMP SUM	\$250,000.00				
67	Diesel Engine Generator Set – Pumping Plant No. 1	1	EA	\$165,900.00	\$165,900.00	\$266,250.00	\$266,250.00	\$245,000.00	\$245,000.00				
68	Diesel Engine Generator Set – Pumping Plant No. 2	1	EA	\$330,600.00	\$330,600.00	\$357,000.00	\$357,000.00	\$390,000.00	\$390,000.00				
69	Diesel Engine Generator Set – Pumping Plant No. 3	1	EA	\$106,400.00	\$106,400.00	\$246,000.00	\$246,000.00	\$250,000.00	\$250,000.00				
70	Diesel Engine Generator Set – Weir Gate No. 2	1	EA	\$39,800.00	\$39,800.00	\$88,750.00	\$88,750.00	\$75,000.00	\$75,000.00				
71	Nonsegregated 3 Phase Bus	15	LF	\$1,970.00	\$29,550.00	\$3,000.00	\$45,000.00	\$3,800.00	\$57,000.00				
72	Automatic Transfer Switch for Diesel Engine Generator Set - Pumping Plant No. 1	1	EA	\$49,700.00	\$49,700.00	\$43,000.00	\$43,000.00	\$50,000.00	\$50,000.00				
73	Automatic Transfer Switch for Diesel Engine Generator Set - Pumping Plant No. 2	1	EA	\$77,200.00	\$77,200.00	\$149,000.00	\$149,000.00	\$130,000.00	\$130,000.00				
74	Automatic Transfer Switch for Diesel Engine Generator Set - Pumping Plant No. 3	1	EA	\$196,100.00	\$196,100.00	\$40,000.00	\$40,000.00	\$41,000.00	\$41,000.00				
75	Load Bank for Diesel Engine Generator Set - Pumping Plant No. 1	1	EA	\$23,000.00	\$23,000.00	\$39,000.00	\$39,000.00	\$33,000.00	\$33,000.00				
76	Load Bank for Diesel Engine Generator Set - Pumping Plant No. 2	1	EA	\$29,900.00	\$29,900.00	\$46,000.00	\$46,000.00	\$38,000.00	\$38,000.00				
77	Load Bank for Diesel Engine Generator Set - Pumping Plant No. 3	1	EA	\$36,800.00	\$36,800.00	\$37,000.00	\$37,000.00	\$27,000.00	\$27,000.00				
78	Metal-Enclosed Switchgear	1	JOB	LUMP SUM	\$1,299,400.00	LUMP SUM	\$1,580,000.00	LUMP SUM	\$800,000.00				
79	Switchgear Tools, Accessories, and Spare Parts	1	JOB	LUMP SUM	\$13,600.00	LUMP SUM	\$17,000.00	LUMP SUM	\$921,000.00				
80	Panelboard 1 Phase, 125 Vdc	4	EA	\$3,670.00	\$14,680.00	\$500.00	\$2,000.00	\$15,750.00	\$63,000.00				
81	Panelboard 3 Phase, 208/120 Vac	3	EA	\$4,440.00	\$13,320.00	\$700.00	\$2,100.00	\$25,000.00	\$75,000.00				
82	Lighting Fixture Type A	7	EA	\$489.00	\$3,423.00	\$800.00	\$5,600.00	\$550.00	\$3,850.00				
83	Lighting Fixture Type B	9	EA	\$489.00	\$4,401.00	\$900.00	\$8,100.00	\$400.00	\$3,600.00				
84	Lighting Fixture Type C	3	EA	\$489.00	\$1,467.00	\$800.00	\$2,400.00	\$300.00	\$900.00				
85	Communication System	1	JOB	LUMP SUM	\$411,700.00	LUMP SUM	\$120,000.00	LUMP SUM	\$110,000.00				
86	SCADA System	1	JOB	LUMP SUM	\$358,000.00	LUMP SUM	\$470,000.00	LUMP SUM	\$800,000.00				
87	Prefabricated Control Buildings – Pumping Plant No. 1	1	JOB	LUMP SUM	\$82,400.00	LUMP SUM	\$190,000.00	LUMP SUM	\$275,000.00				
88	Prefabricated Control Buildings – Pumping Plant No. 2	1	JOB	LUMP SUM	\$127,700.00	LUMP SUM	\$210,000.00	LUMP SUM	\$275,000.00				
89	Prefabricated Control Buildings – Pumping Plant No. 3	1	JOB	LUMP SUM	\$82,400.00	LUMP SUM	\$187,000.00	LUMP SUM	\$275,000.00				
90	Training Programs	5	DAY	\$2,980.00	\$14,900.00	\$5,000.00	\$25,000.00	\$15,000.00	\$75,000.00				
	Total						\$6,251,880.00		\$6,557,762.00				
	DVBE Incentive						\$0.00		\$0.00				
	Adjusted Total for Bid Evaluation Order				\$5,168,000.00		\$6,251,880.00	x	\$6,557,762.00	x			
Guarantee						TEN PERCENT (10%) OF THE AMOUNT BID		TEN PERCENT (10%) OF THE AMOUNT BID					
Surety						Travelers Casualty and Surety Company of America		Travelers Casualty and Surety Company of America					
Comments X Denotes corrected figure													